COEIMED - WATER SHEET

## 2018 CERTIFICATION JUN -7 PM 2: 52

Consumer Confidence Report (CCR)

Town of Vardaman

Public Water System Name

P100500

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must email, fax (but not preferred) or mail, a copy of the CCR and Certification to the MSDH. Please check all boxes that apply.

	Customers we	re informed of availability of CCR by: (Attac	h copy of publication	n, water bi	l or other)	
		Advertisement in local paper (Attach c	opy of advertisemen	it)	·	
		☐ On water bills (Attach copy of bill)				
		☐ Email message (Email the message to	the address below)			
		☐ Other				
	Date(s) custo	omers were informed:/ /2019		/	/2019	
	CCR was dist methods used	ributed by U.S. Postal Service or other di	irect delivery. Mus	t specify o	her direct d	elivery
	Date Mailed/	Distributed: / /				
	CCR was distri	buted by Email (Email MSDH a copy)	Date Emailed:		2019	
		☐ As a URL		(P	rovide Direct	URL)
		☐ As an attachment				
		$\square$ As text within the body of the email me	ssage			
	CCR was publi	shed in local newspaper. (Attach copy of pub	lished CCR <u>or</u> prod	of of publica	tion)	
	Name of New	spaper: The Calhoun Counter	s Journal	)		
	Date Publishe	ed: <u>[0 15 1 19</u>	0			
	CCR was poste	d in public places. (Attach list of locations)	Date Po	sted:/	/ 2019	
	CCR was poste	d on a publicly accessible internet site at the t	following address:			
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I here above and a of He	eby certify that the and that I used dis orrect and is consist alth, Bureau of Pub	CCR has been distributed to the customers of this stribution methods allowed by the SDWA. I furthetent with the water quality monitoring data provided lic Water Supply Club address of this stribution methods allowed by the SDWA. I furthetent with the water quality monitoring data provided lic Water Supply Club and the stribution of the customers of this stribution methods allowed by the SDWA. I furthetent with the stribution methods allowed by the SDWA. I furthetent with the stribution methods allowed by the SDWA. I furthetent with the stribution methods allowed by the SDWA. I furthetent with the water quality monitoring data provided lice water supplies the stribution methods allowed by the SDWA. I furthetent with the water quality monitoring data provided lice water Supplies the stribution of the stribution of the stribution water supplies the stribution of the stribution of the stribution water supplies the stribution of the stribu	r certify that the inform	nation includ by the Mississ	ed in this CCR ippi State Depa	in tour

Submission options (Select one method ONLY)

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576 - 7800

\*\*Not a preferred method due to poor clarity \*\*

CCR Deadline to MSDH & Customers by July 1, 2019!

#### 2018 Annual Drinking Water Quality Report Town of Vardaman PWS#:0070019 May 2019

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Gordo and Eutaw McShan Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of Vardaman have received lower rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Christopher Ward at 662.682.7561. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 7:30 PM at the Vardaman Court Room, 206 N Main Street, Vardaman.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2018. In cases where monitoring wasn't required in 2018, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) — The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

				TEST RESU	JLTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source	of Contamination
Microbiolo	gical Co	ntamin	ants						
<ol> <li>Total Coliform</li> </ol>	N	October	Positive	1	NA	0	prese	ence of coliform	Naturally present

8. Arsenic	N	2018	4.3	4.2 – 4.3		ppb	n/	'a	10 Erosion of natural deposits; runoff from orchards; runoff from glass
10. Barium	N	2018	.2112	.210521	12	ppm		2	and electronics production wastes  Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2018	3	.5 - 3		ppb	10	0 10	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	_N	2015/17		0	-	ppm	1.3	3 AL=1	.3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2018	.177	.163177		ppm		1	4 Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
21. Selenium	N	2015/17		0		ppb	(	) AL=1	
	N	2018	2.8	No Range		ppb	50	5	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectio	n By-	Products	3					-100	
32. TTHM Total rihalomethanes]	N	2017*	2.07	No Range	ppb		0	80	By-product of drinking water chlorination.
Chlorine	N	2018 mple required	.8	0 – 1.3	mg/l	_	0 MF	RDL = 4	Water additive used to control microbes

Microbiological Contaminants:

(1) Total Coliform/E Coli. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliform indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessments (s) to identify problems and to correct any problems that were found during these assessments.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

During the past year we were required to conduct and completed 1 (one) Level 1 assessment. In addition, we were required to take and completed 1 (one) corrective action.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Town of Vardaman works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

# 2018 Annual Orfeling Wales Quality Report Town of Andanan PHYSIC (2010) May 2019 PM 1997 Annual Culture May 2019

We're peased to present to you this year's Annual Guality Water Risport. This sport is designed to show you about the quality water as exercise we delive to you every only the contacting poll to promote you want in a sale and expended analysis of entiring water. We want you understand the efforts we make to continuate (responsible process) the water particular process and protect our water resources. We are committed to providing you with bitmentain because informed contenses as not feet alless. Durn sales accounted to form with other process.

The source value assessment has been expedited for our public value region to delamine the overall exemptably of an delaving vice incipity to Search powerful second of contamination. A report containing of exhibit deliverable on both or the susceptibility delaminations under the second contamination of the se

If you have any questions about this sepont of concerning your mater utility, please contact Christopher Ward at 663.682.7661. We want or valued containing to be lifetimed about part value willby. If you had to have more, please job us at any of our regularly achedyed meeting they are had no the first Thunder of the more in 2.70 GHz in the Austriance Court Ricon. 2004 Material Refer. Understand February 1.8000 Report 1.8000. 2004 Material Refer. Understand.

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The Town of Variation works around the clock is provide top quality water to every tag. We see that all our ministrate hole in protect our

## **Proof Of Publication**

### STATE OF MISSISSIPPI, COUNTY OF CALHOUN

Personally came before me, the undersigned, a Notary Public, in and for Calhoun County, Mississippi, Joel McNeece, Publisher of The Calhoun County Journal, a newspaper published in Bruce, Calhoun County, in said state, who being duly sworn, deposes and says that The Calhoun County Journal is a newspaper as defined and-prescribed in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amending Section 1858 of the Mississippi Code of 1942, and the publication of a notice, of which annexed copy, in the matter of

## TOWN OF VARDAMAN WATER QUALITY REPORT

has been made in said newspaper one time, towit:



Joel McNeece Publisher

Sworn to and subscribed before me, this 5 day

of June, 2019.

Celia D. Hillhouse, Notary Public

My commission expires February 18, 2023

SEAL



#### 2018 Annual Dinking Water Quelly Repor Town of Verdaman PWS4,0070019

Wa've pleased to present to you this year's Annual Quarry Water Report. This reject is designed to interm you about the quality water and services to desire to you were judy. Our containt goal to so provide a part and dependate supply of distribution white. We want you for understand the eight was made so occlosely linguished the water beatering process and protocol our water services. We are common to providing you with information because informed customers are our best affect. Our water source is from write counting from the Quicks and Entered Manage Acoustic.

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The Town of Yerbanian morks event the cheek to provide top county water to every be. We set that all our metomers help us protect our instances, which are the heart of our community, our way of the and our children's fitting.